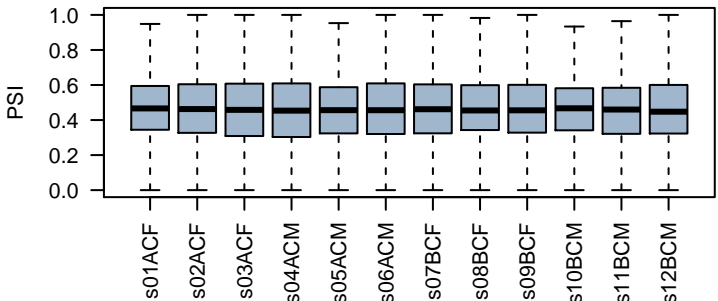
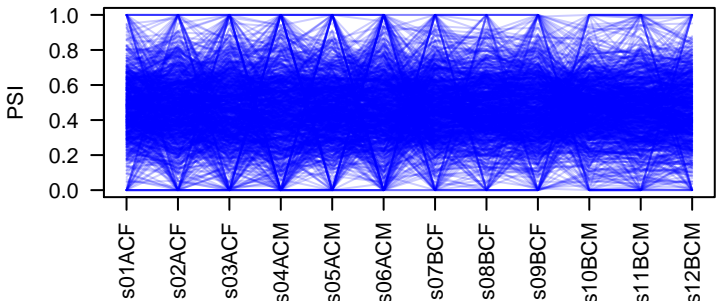
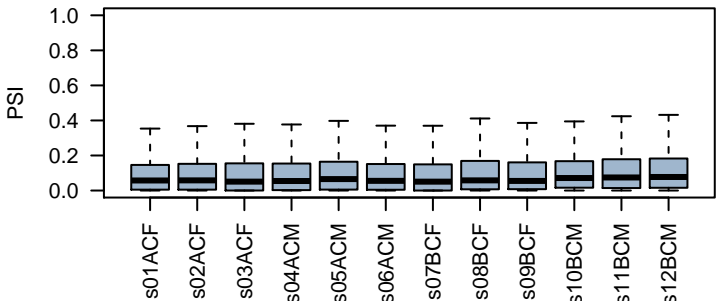
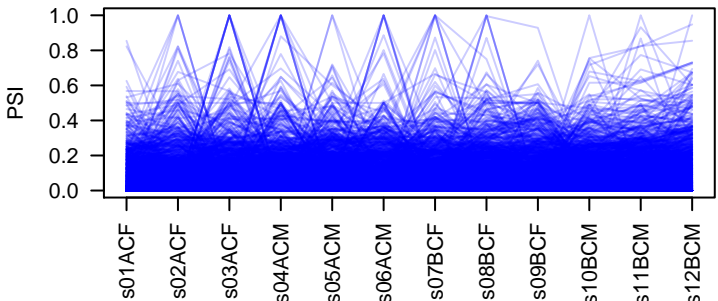


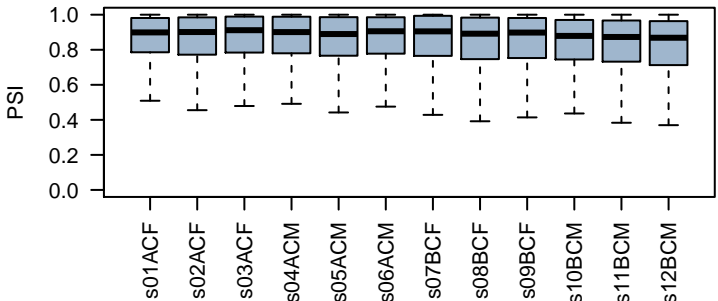
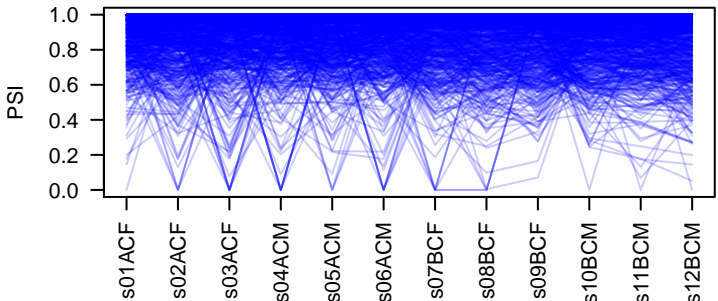
cluster k3 k=1, N=830, silhouette=0.443



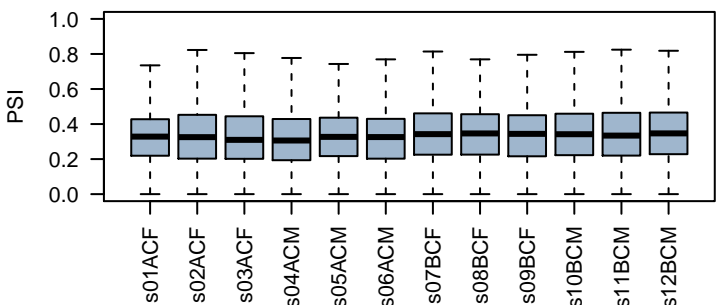
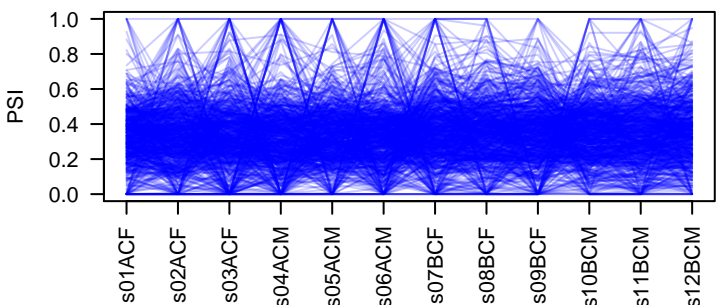
cluster k3 k=2, N=1192, silhouette=0.443



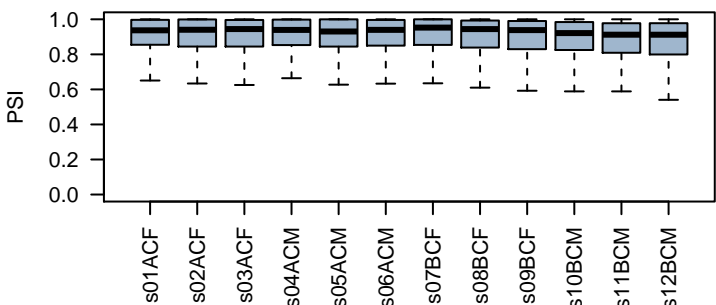
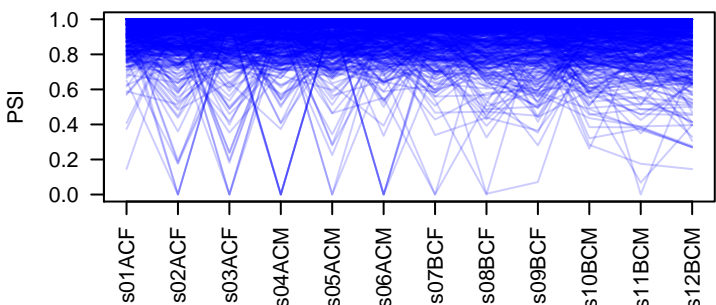
cluster k3 k=3, N=654, silhouette=0.443



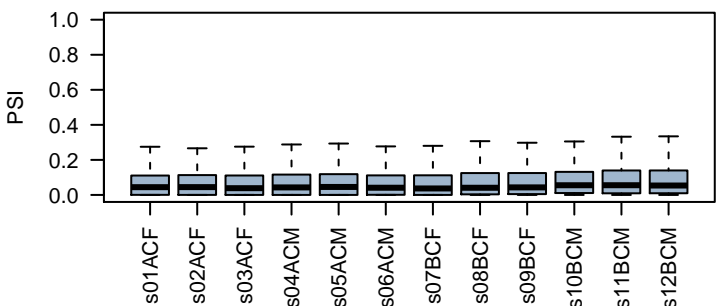
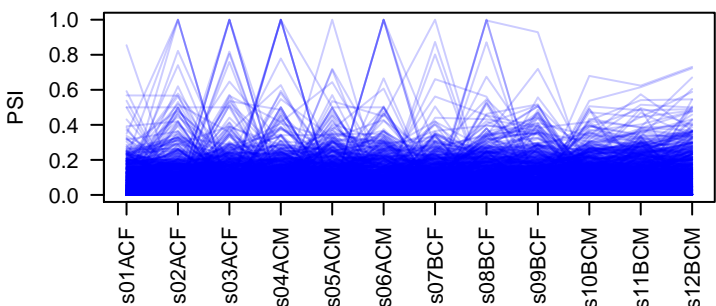
cluster k4 k=1, N=640, silhouette=0.383



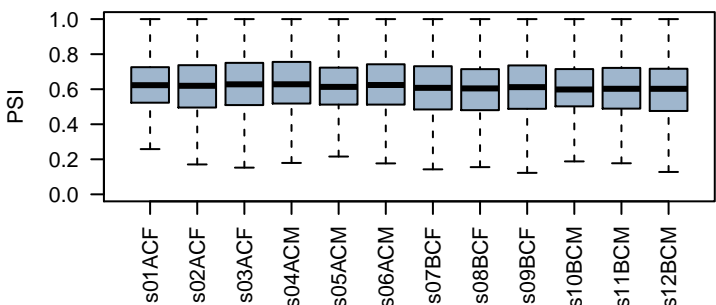
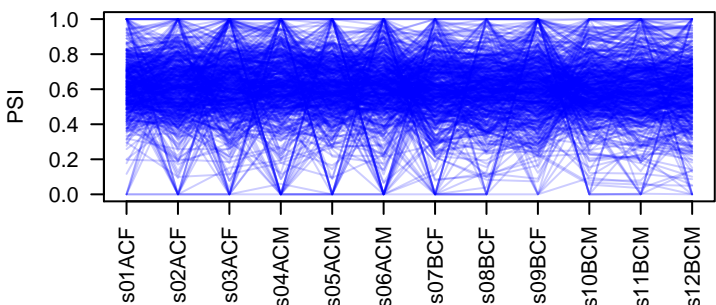
cluster k4 k=2, N=490, silhouette=0.383



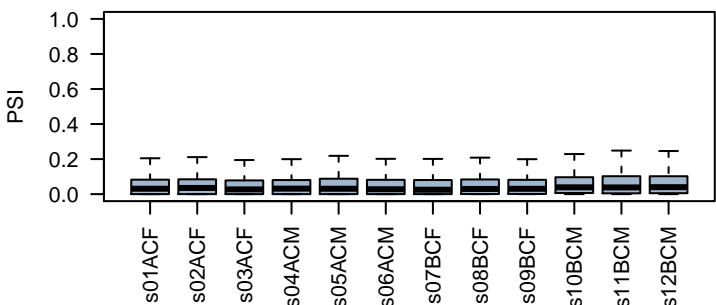
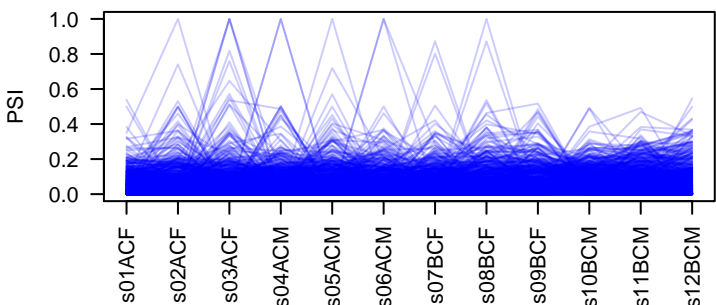
cluster k4 k=3, N=1011, silhouette=0.383



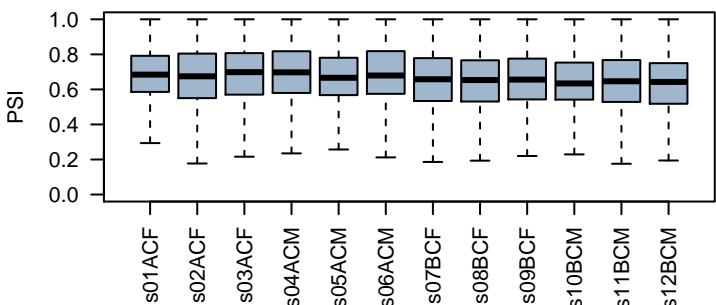
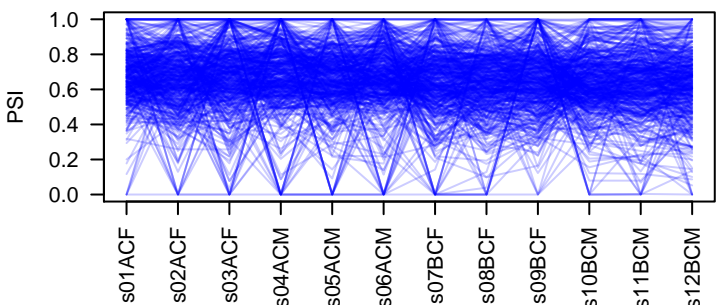
cluster k4 k=4, N=535, silhouette=0.383



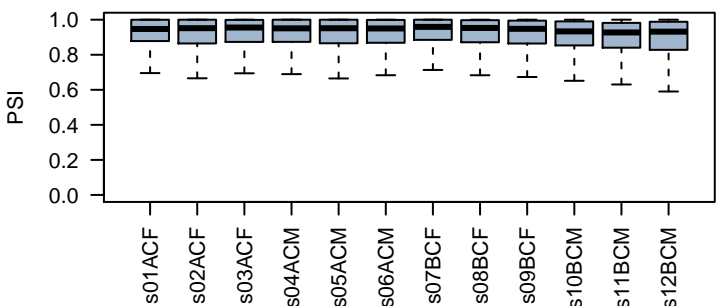
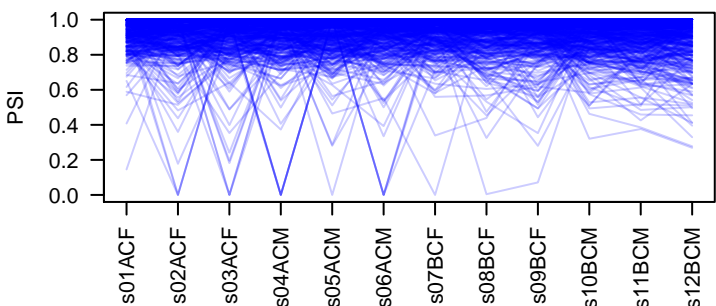
cluster k5 k=1, N=836, silhouette=0.319



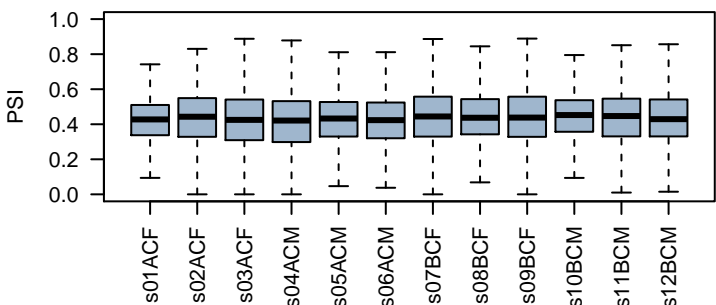
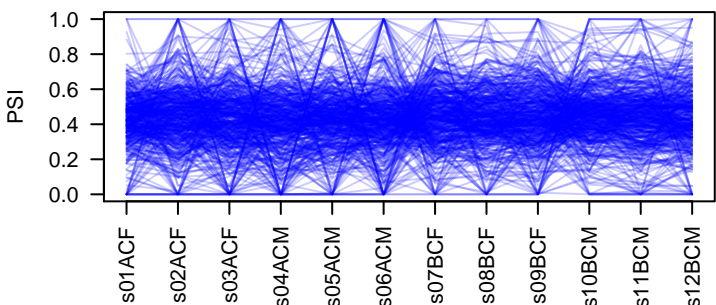
cluster k5 k=2, N=457, silhouette=0.319



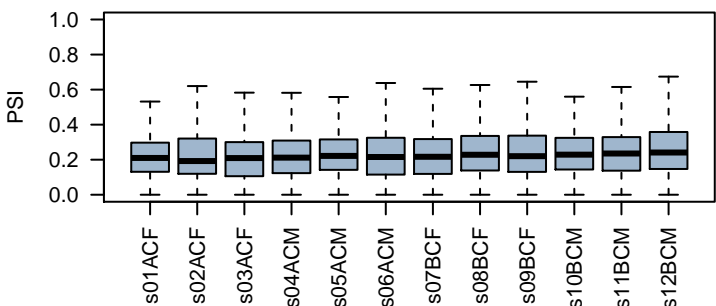
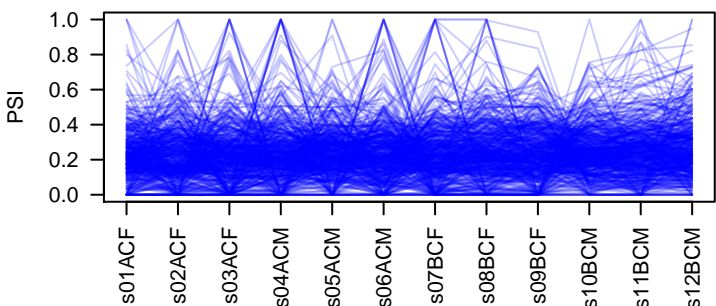
cluster k5 k=3, N=433, silhouette=0.319



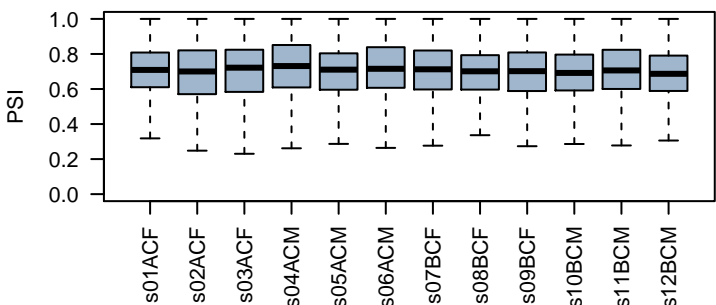
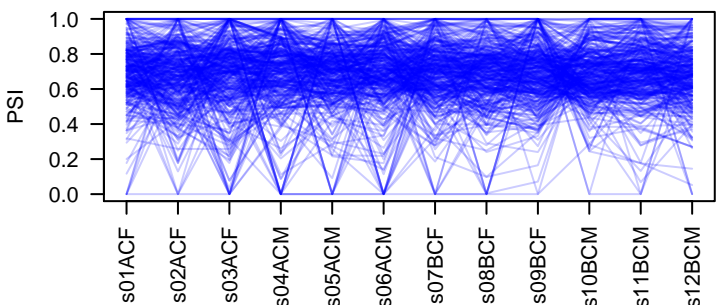
cluster k5 k=4, N=460, silhouette=0.319



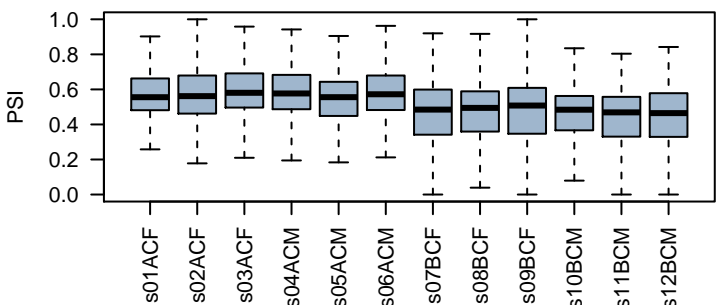
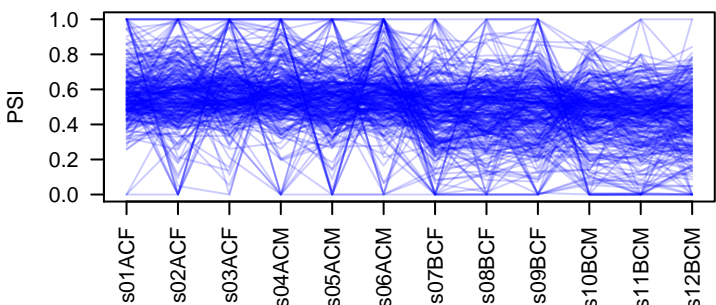
cluster k5 k=5, N=490, silhouette=0.319



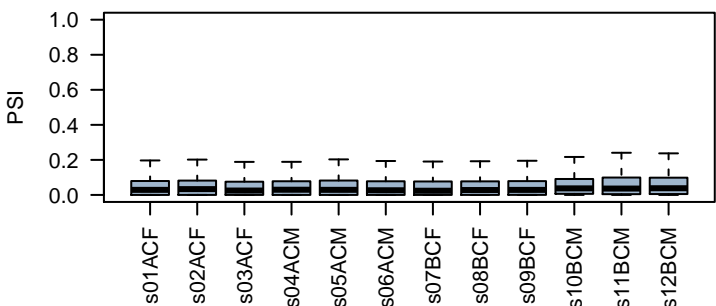
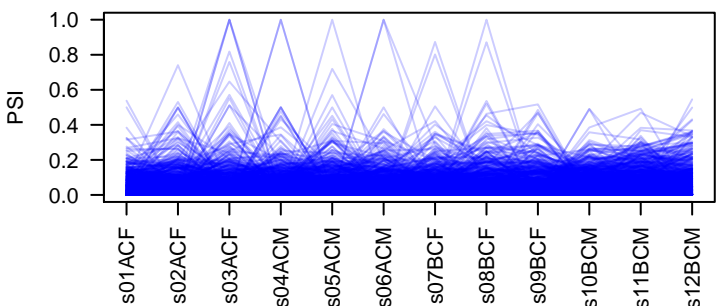
cluster k6 k=1, N=360, silhouette=0.296



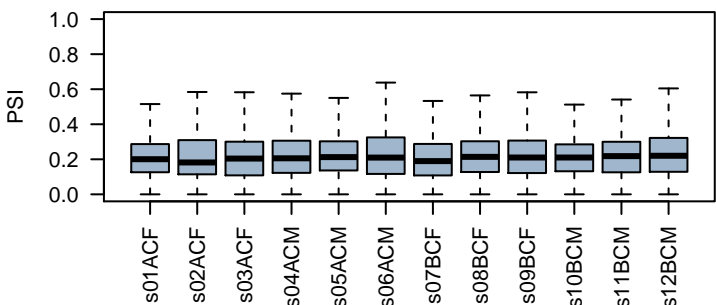
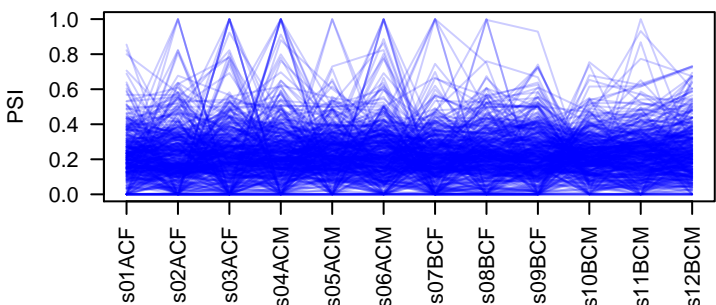
cluster k6 k=2, N=294, silhouette=0.296



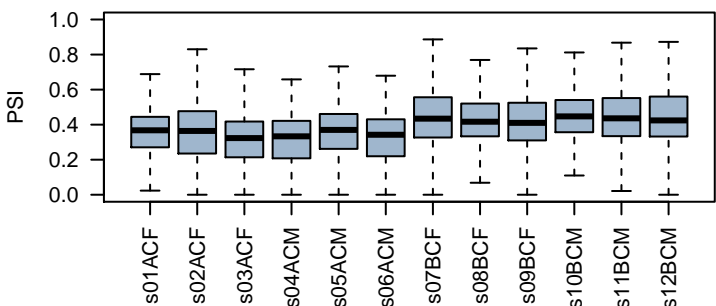
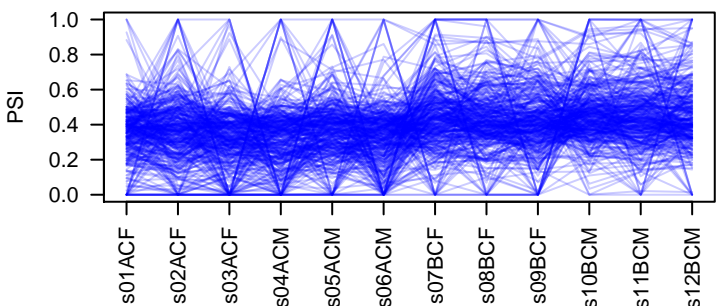
cluster k6 k=3, N=815, silhouette=0.296



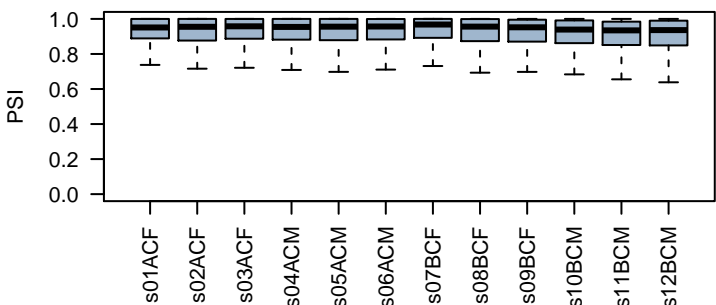
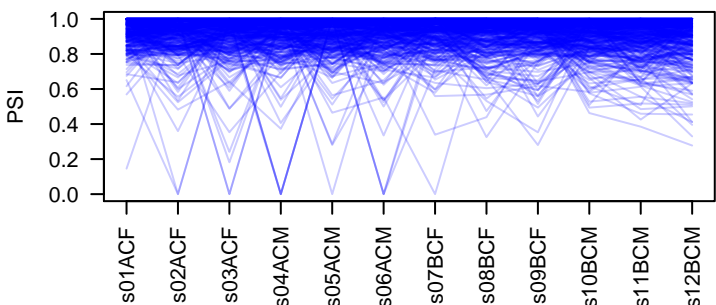
cluster k6 k=4, N=452, silhouette=0.296



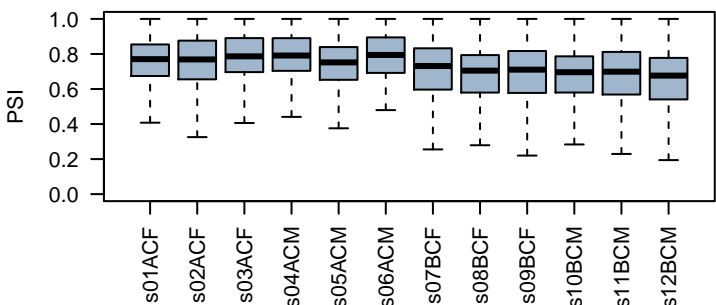
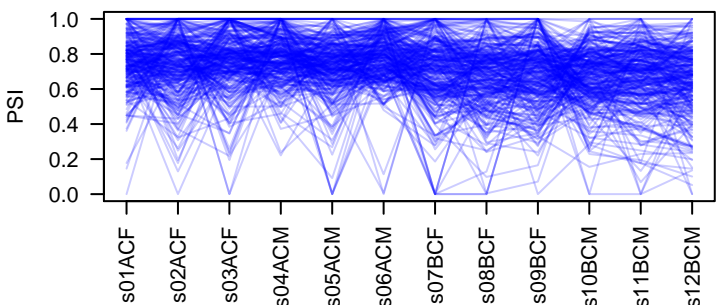
cluster k6 k=5, N=345, silhouette=0.296



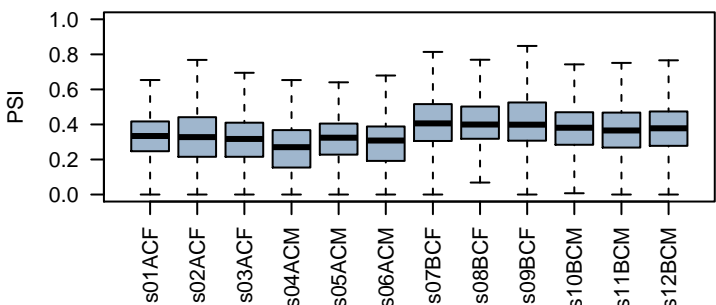
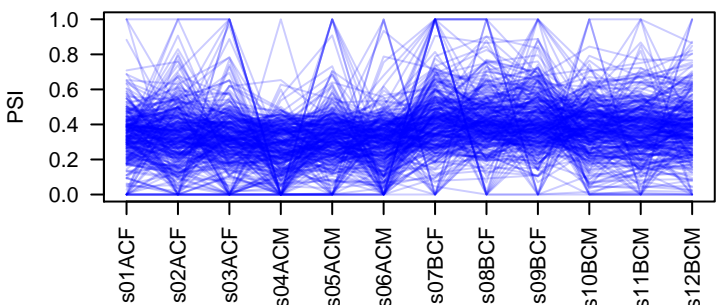
cluster k6 k=6, N=410, silhouette=0.296



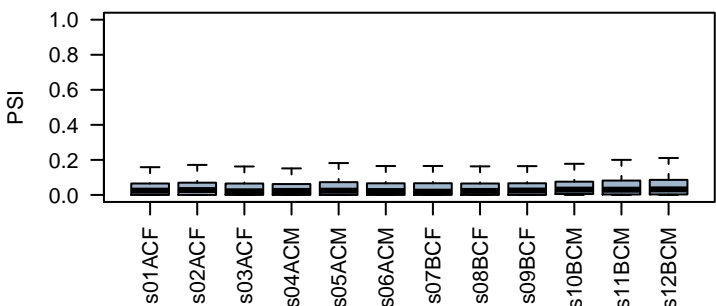
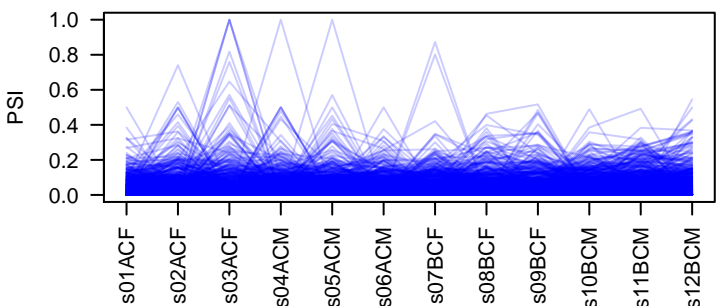
cluster k7 k=1, N=306, silhouette=0.271



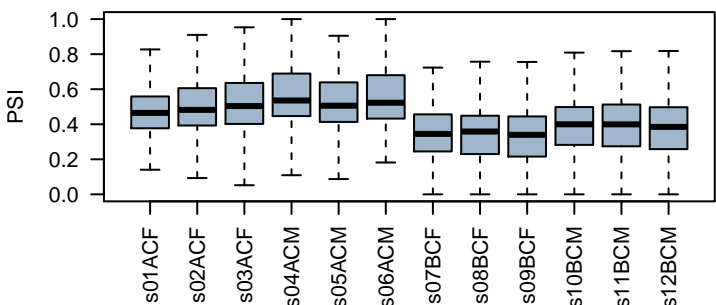
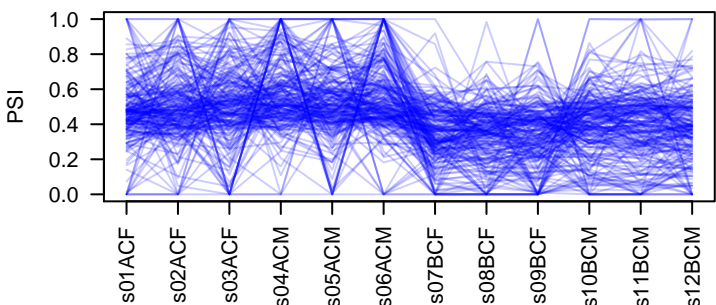
cluster k7 k=2, N=324, silhouette=0.271



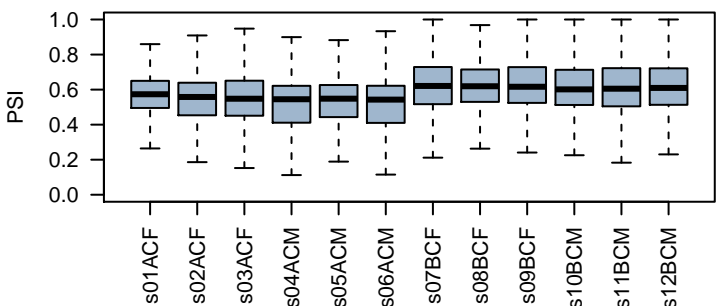
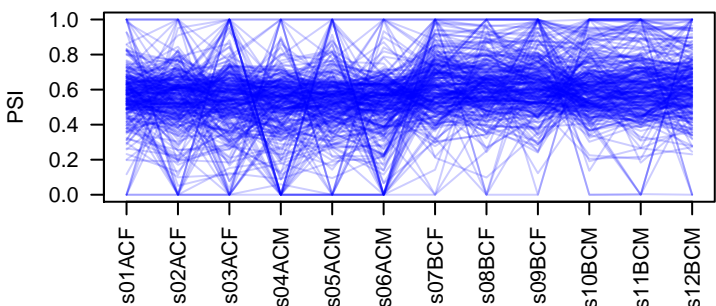
cluster k7 k=3, N=738, silhouette=0.271



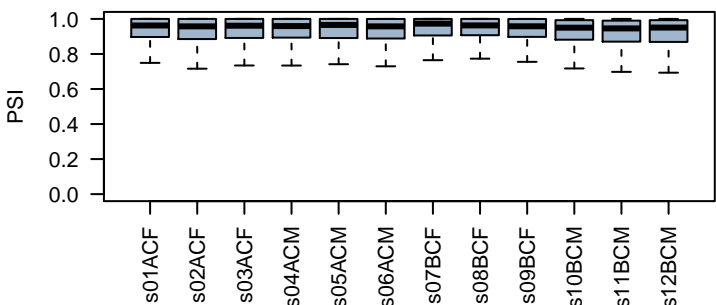
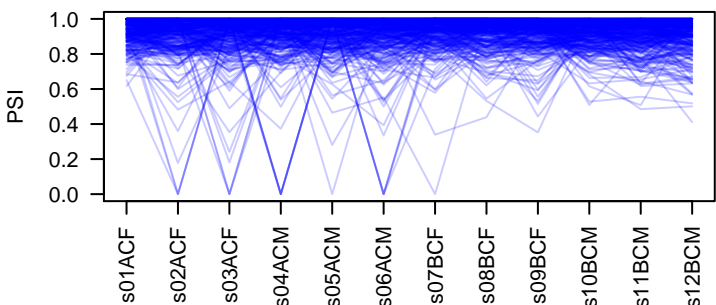
cluster k7 k=4, N=217, silhouette=0.271



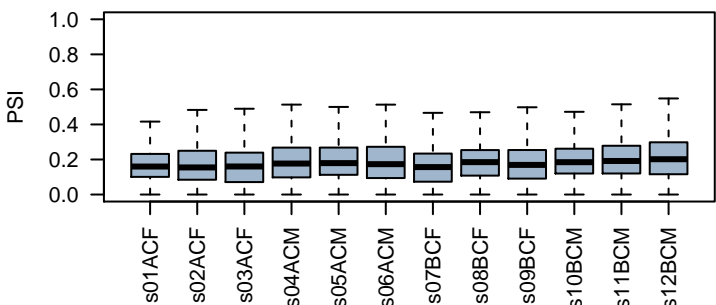
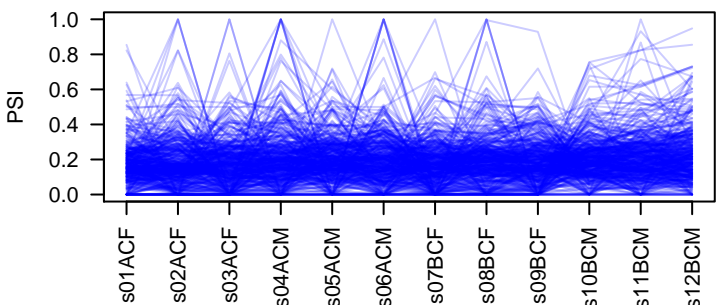
cluster k7 k=5, N=281, silhouette=0.271



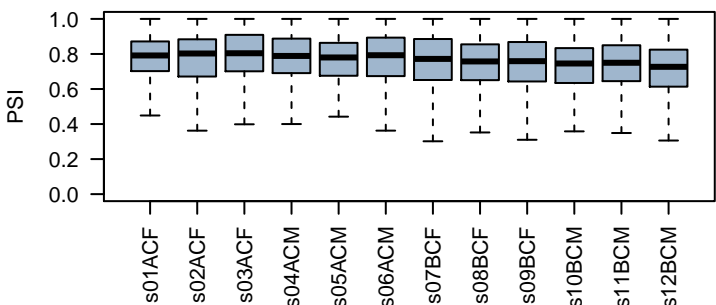
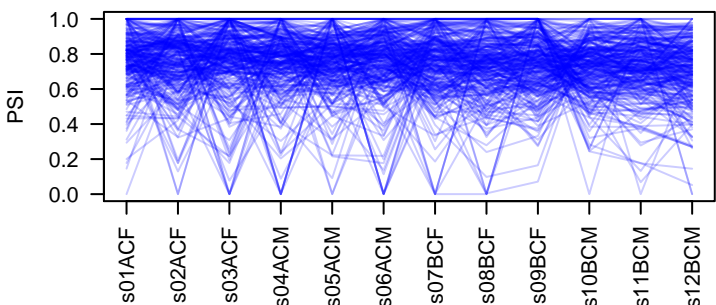
cluster k7 k=6, N=377, silhouette=0.271



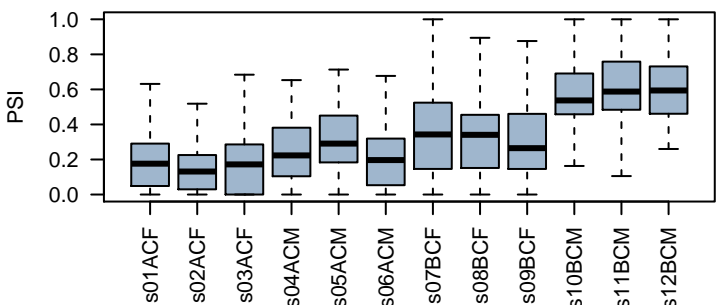
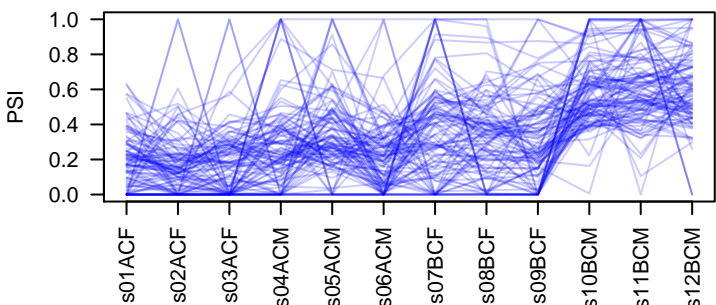
cluster k7 k=7, N=433, silhouette=0.271



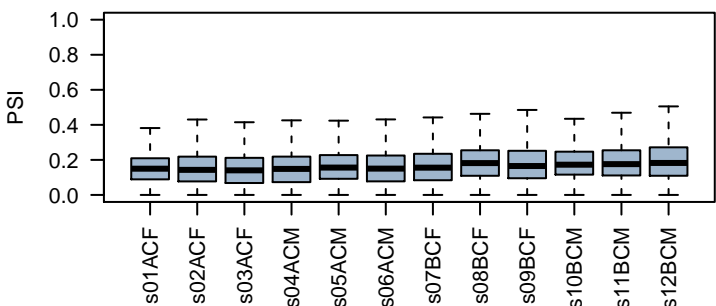
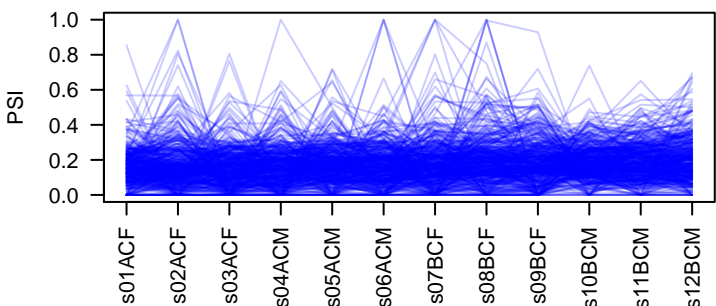
cluster k8 k=1, N=300, silhouette=0.259



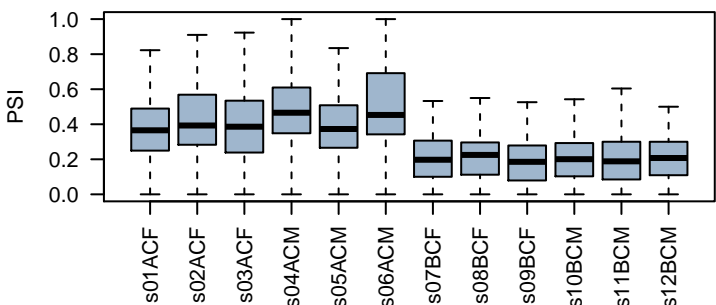
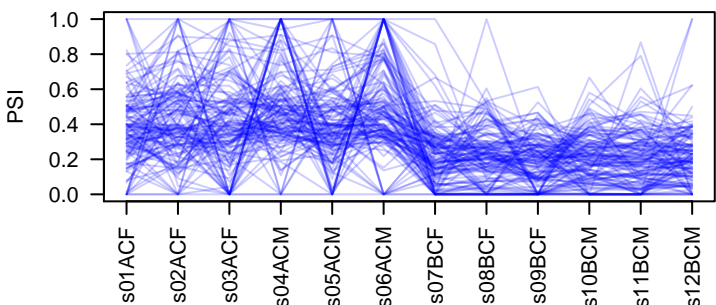
cluster k8 k=2, N=103, silhouette=0.259



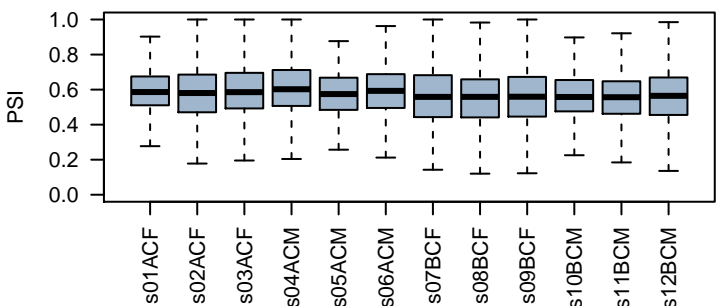
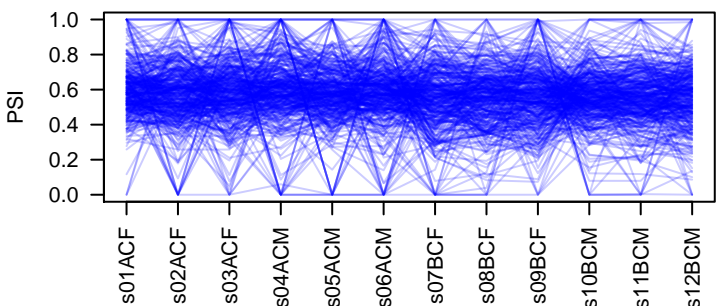
cluster k8 k=3, N=431, silhouette=0.259



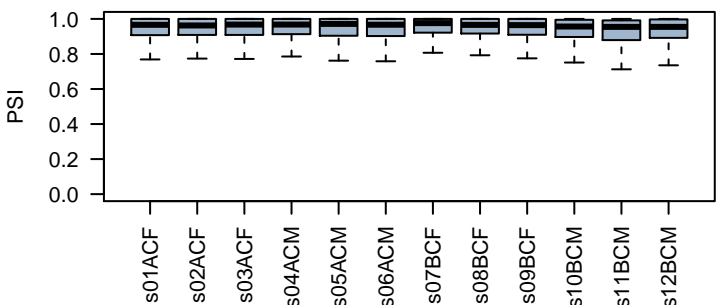
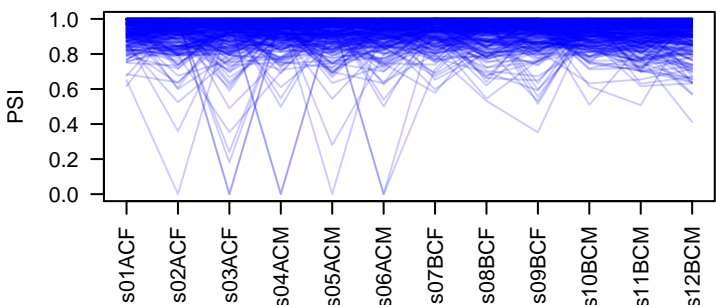
cluster k8 k=4, N=133, silhouette=0.259



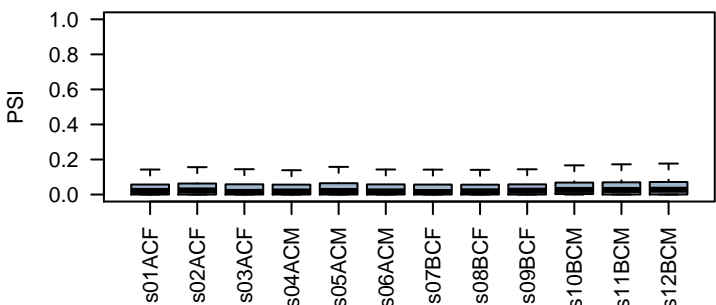
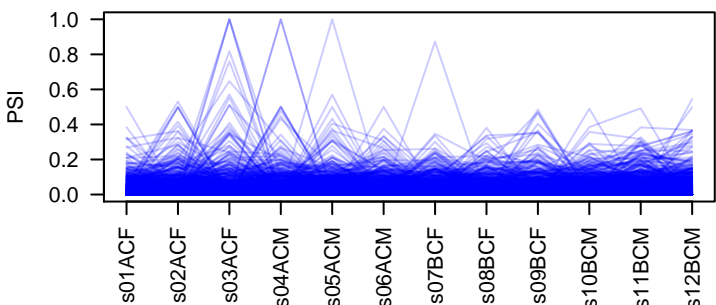
cluster k8 k=5, N=372, silhouette=0.259



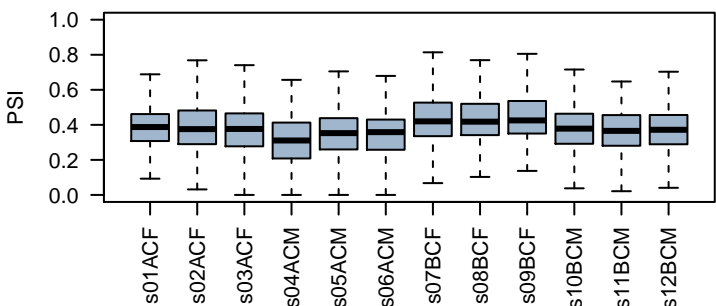
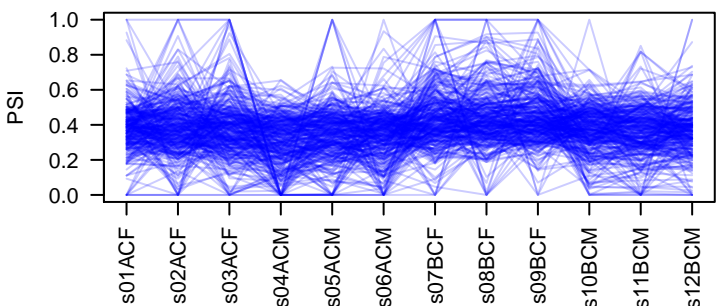
cluster k8 k=6, N=343, silhouette=0.259



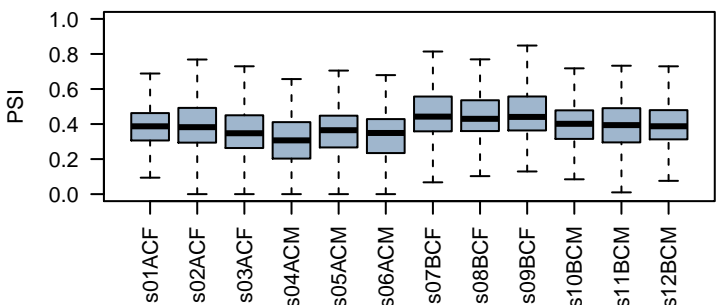
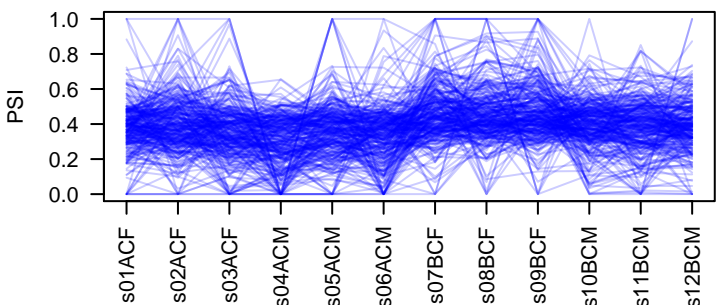
cluster k8 k=7, N=679, silhouette=0.259



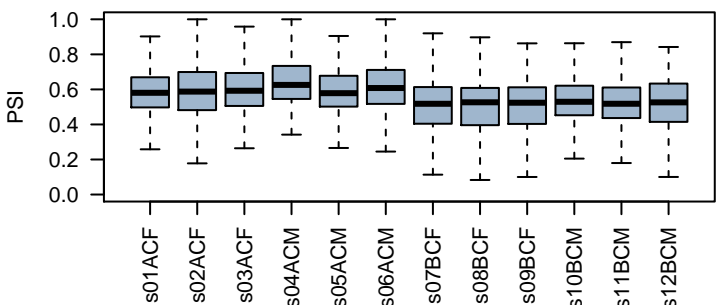
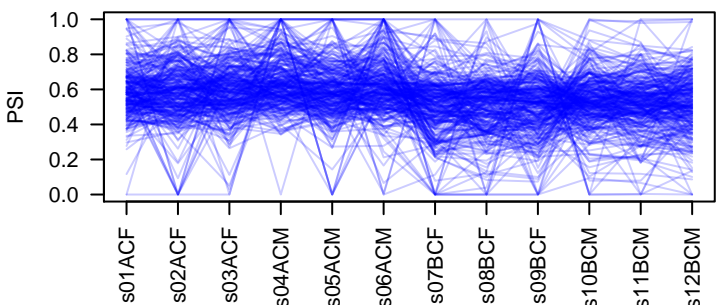
cluster k8 k=8, N=315, silhouette=0.259



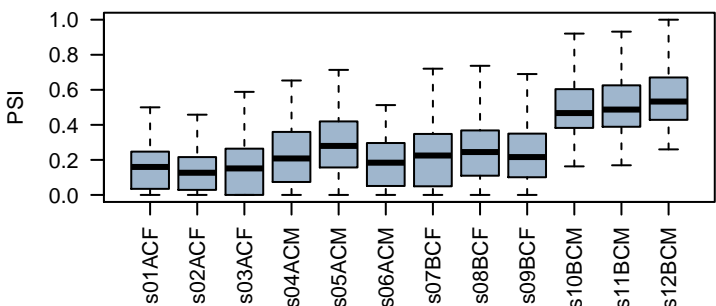
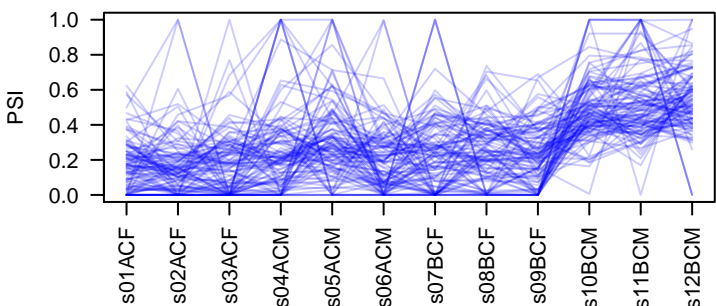
cluster k9 k=1, N=283, silhouette=0.253



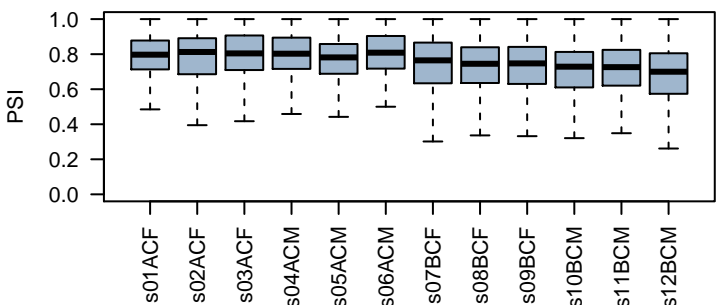
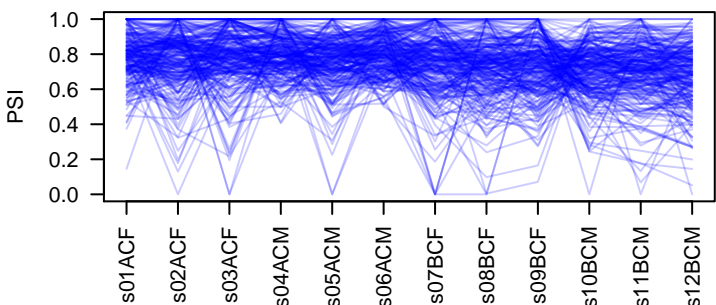
cluster k9 k=2, N=292, silhouette=0.253



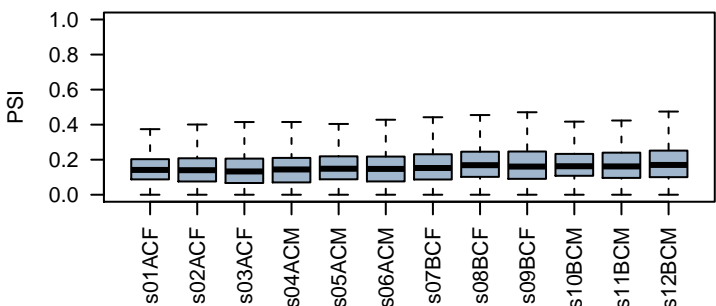
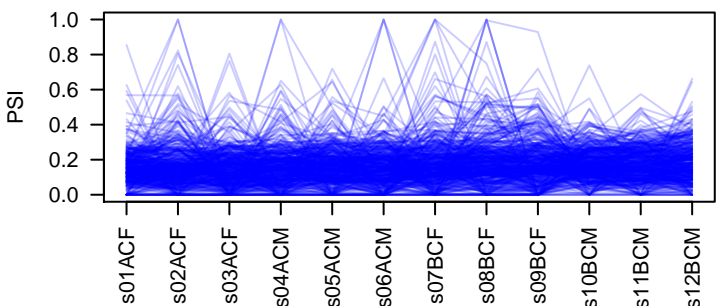
cluster k9 k=3, N=106, silhouette=0.253



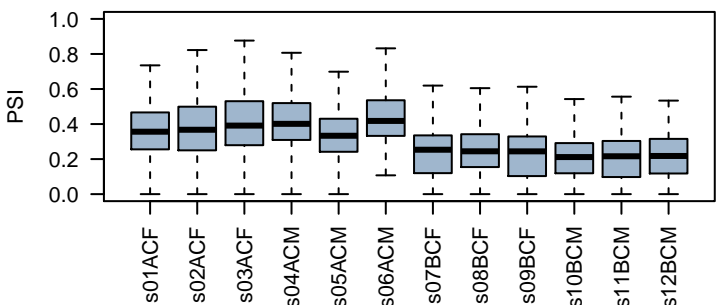
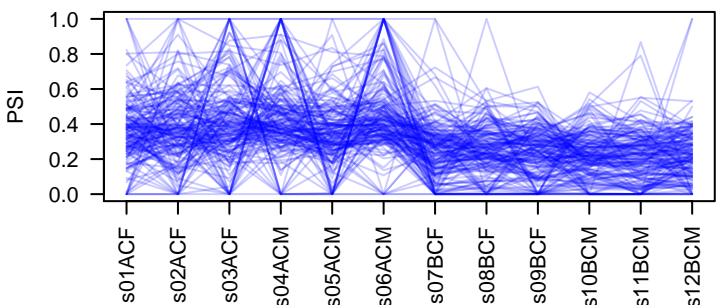
cluster k9 k=4, N=262, silhouette=0.253



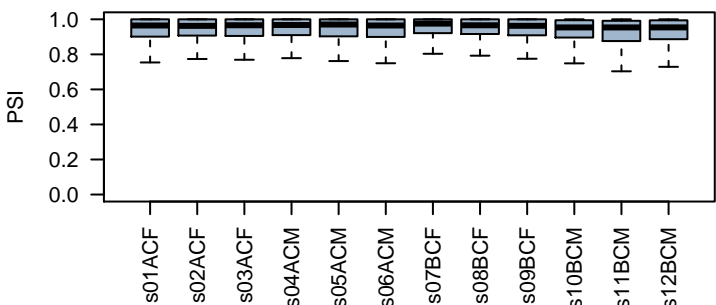
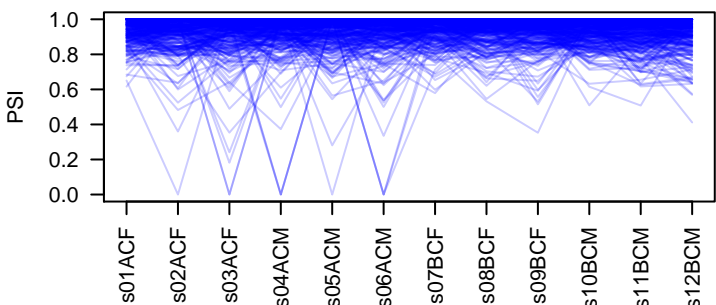
cluster k9 k=5, N=424, silhouette=0.253



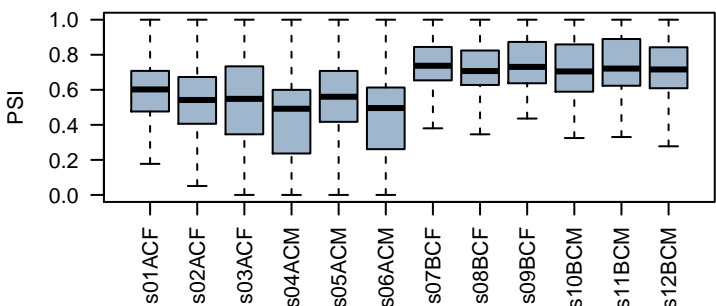
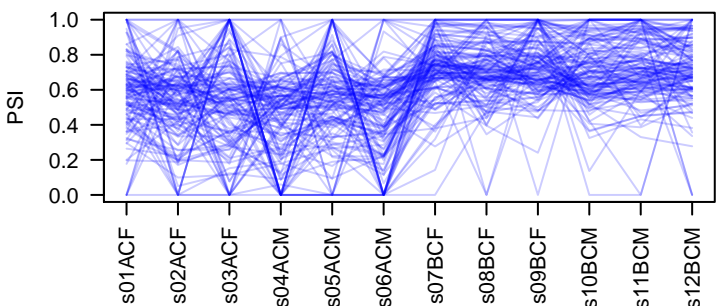
cluster k9 k=6, N=172, silhouette=0.253



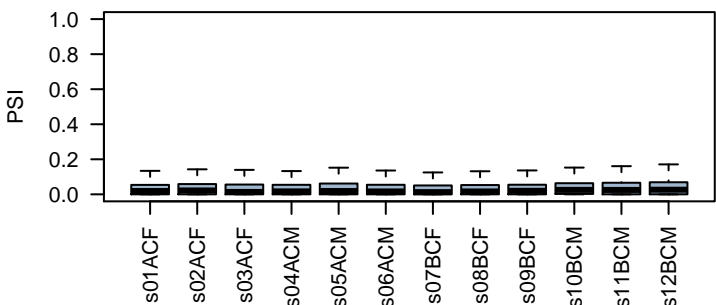
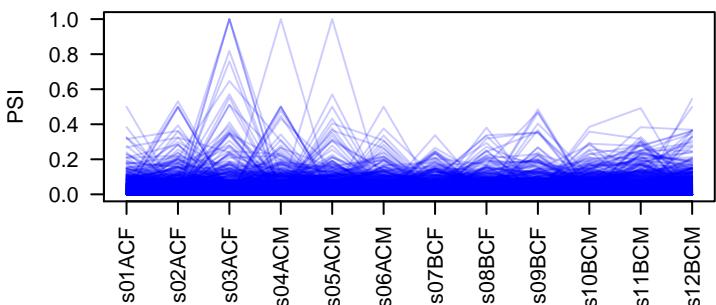
cluster k9 k=7, N=351, silhouette=0.253



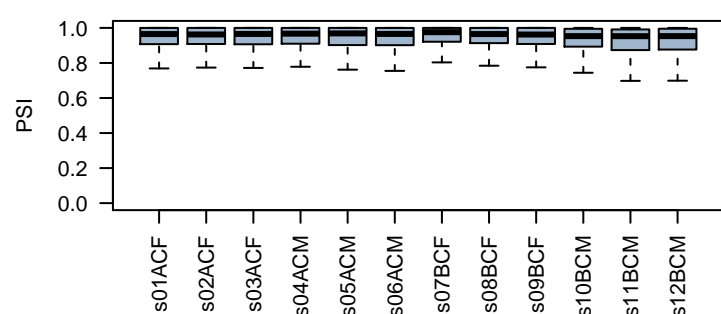
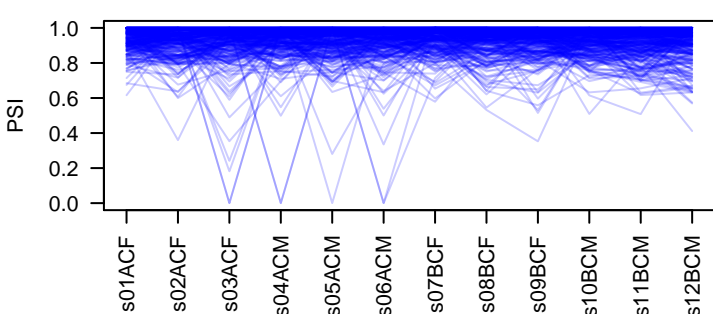
cluster k9 k=8, N=131, silhouette=0.253



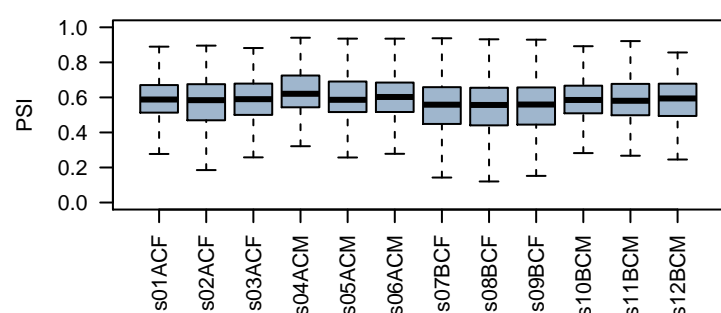
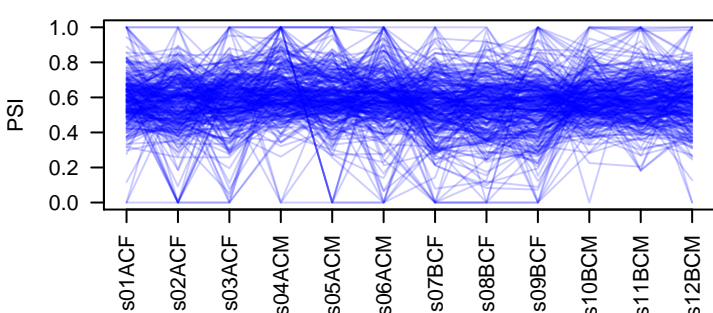
cluster k9 k=9, N=655, silhouette=0.253



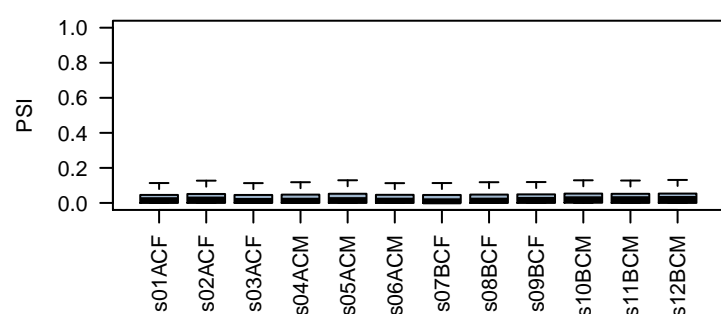
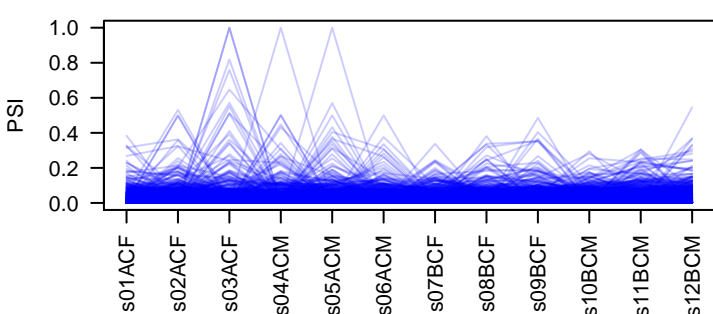
cluster k10 k=1, N=348, silhouette=0.237



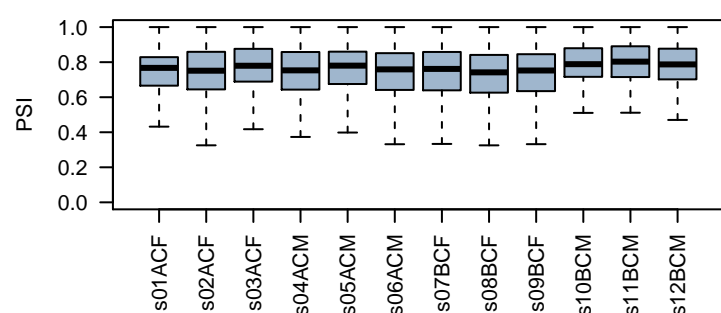
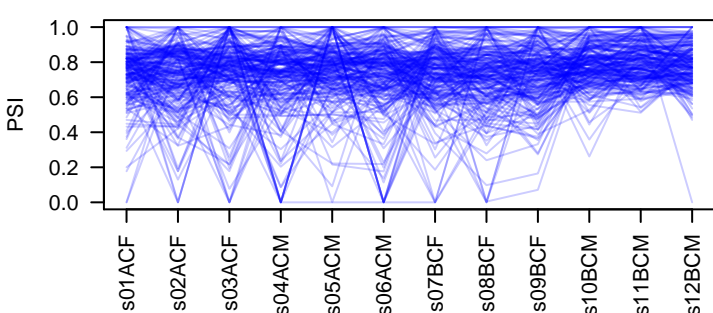
cluster k10 k=2, N=290, silhouette=0.237



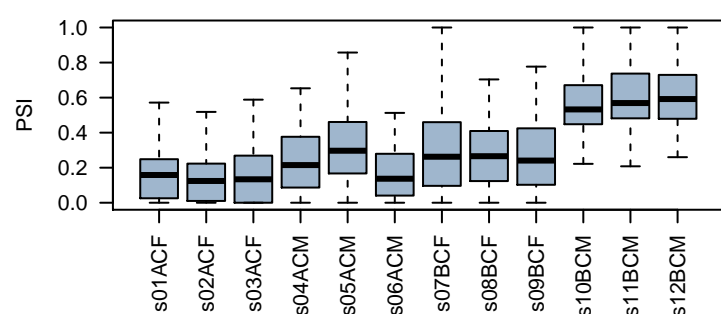
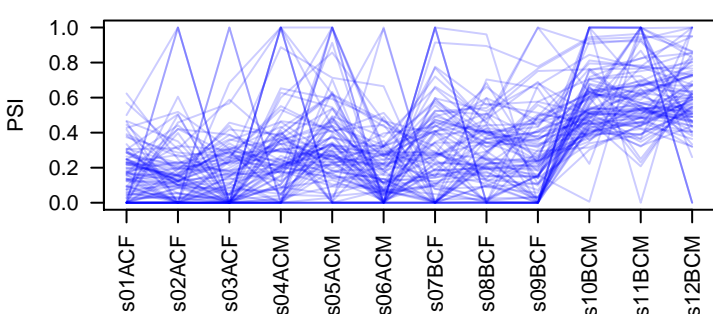
cluster k10 k=3, N=589, silhouette=0.237



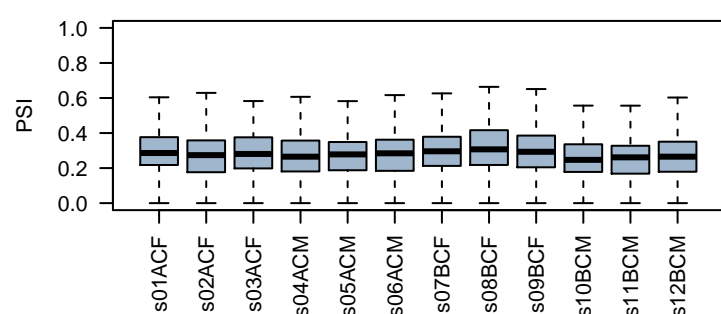
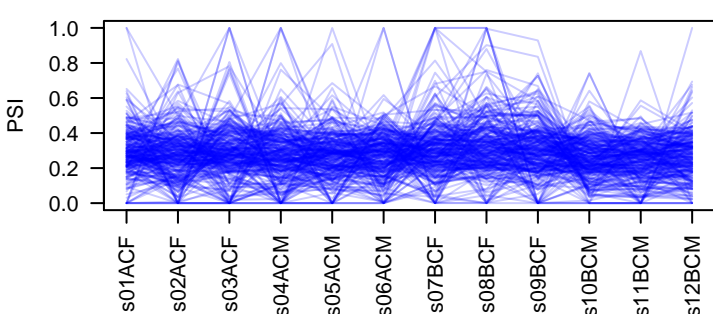
cluster k10 k=4, N=225, silhouette=0.237



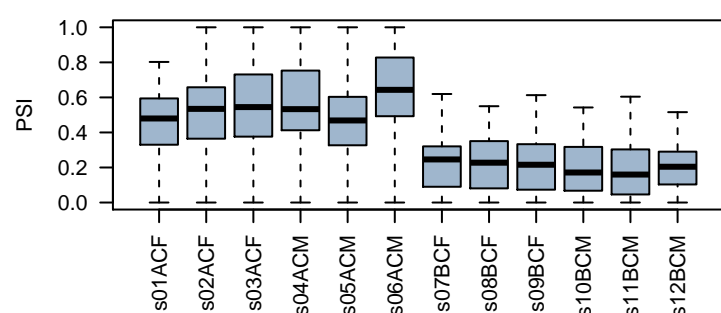
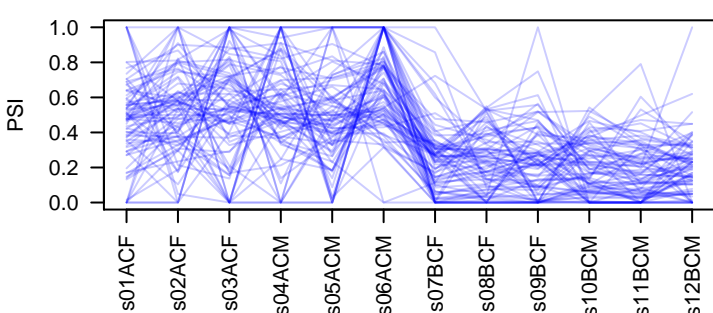
cluster k10 k=5, N=91, silhouette=0.237



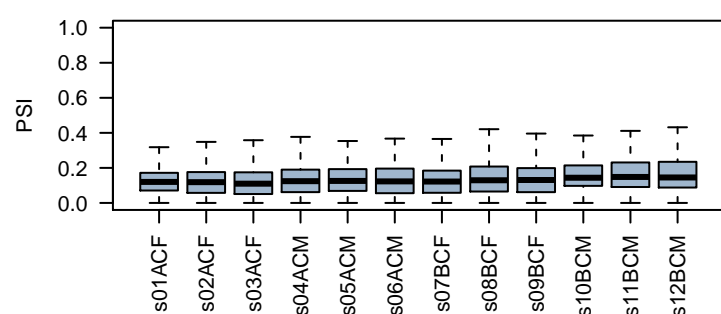
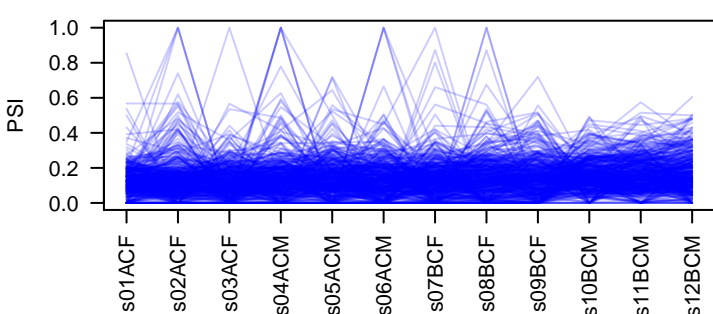
cluster k10 k=6, N=267, silhouette=0.237



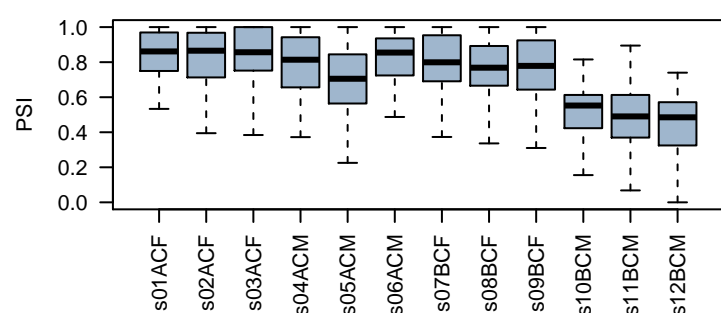
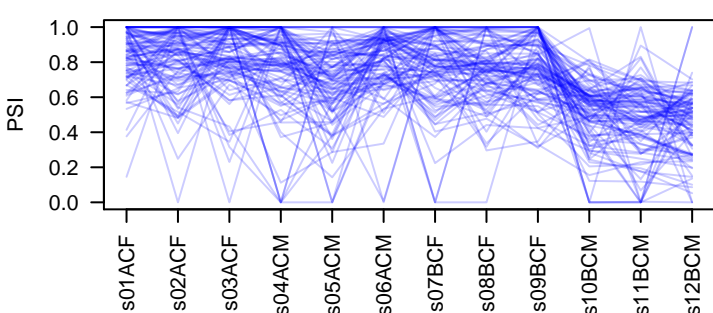
cluster k10 k=7, N=80, silhouette=0.237



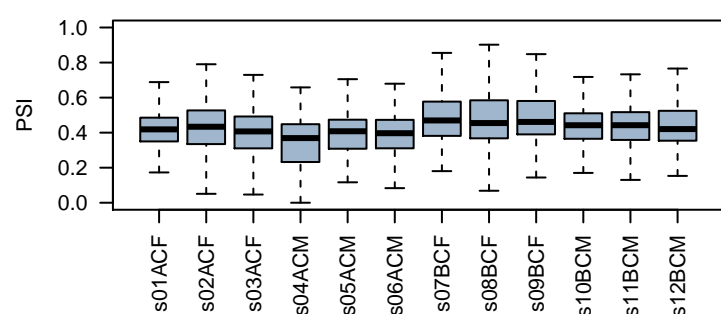
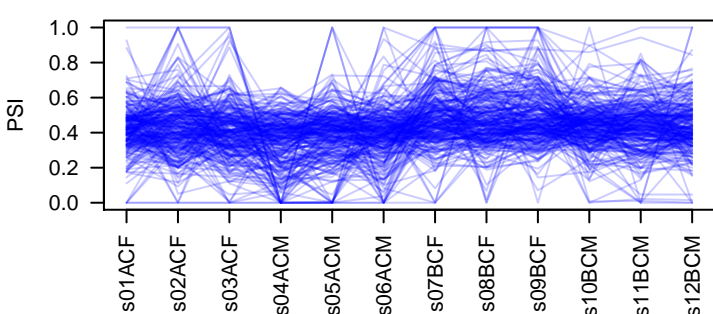
cluster k10 k=8, N=424, silhouette=0.237

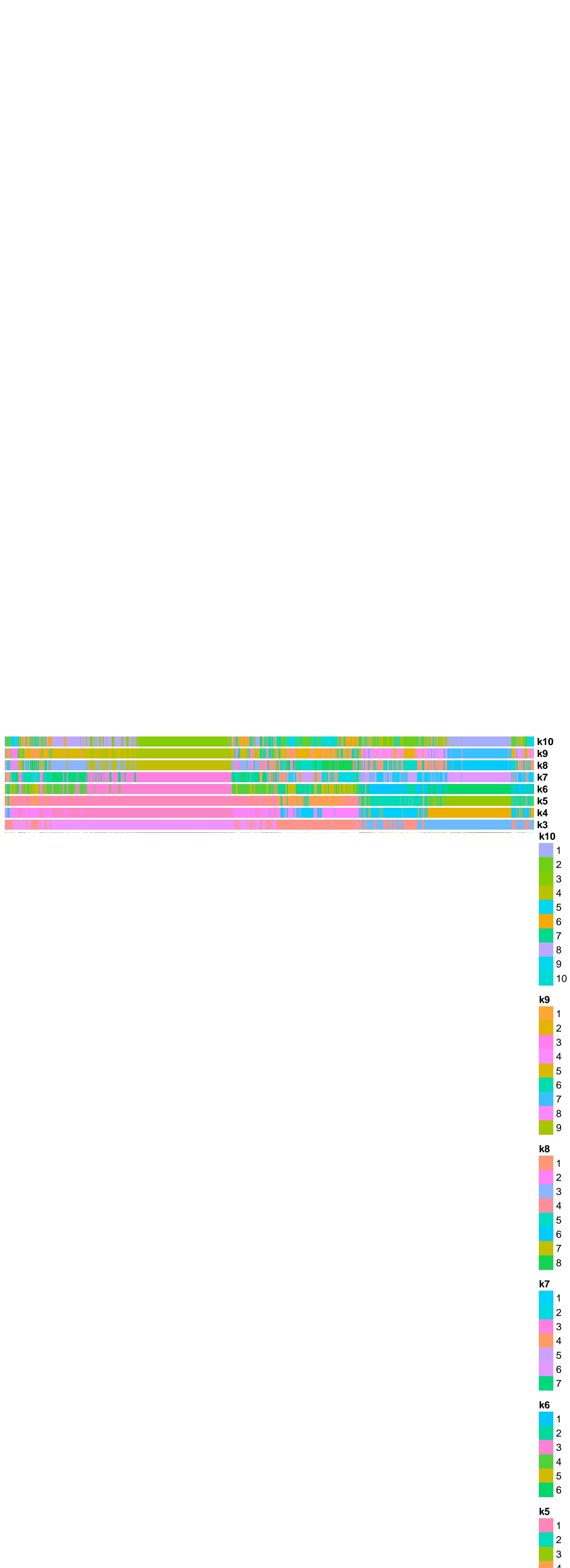


cluster k10 k=9, N=102, silhouette=0.237



cluster k10 k=10, N=260, silhouette=0.237





	ki	kj	Rand index
1	k3	k3	1.0000000
2	k3	k4	0.6280211
3	k3	k5	0.5344050
4	k3	k6	0.5198024
5	k3	k7	0.4901154
6	k3	k8	0.4846295
7	k3	k9	0.4424765
8	k3	k10	0.3929611
9	k4	k3	0.6280211
10	k4	k4	1.0000000
11	k4	k5	0.6617757
12	k4	k6	0.6237568
13	k4	k7	0.5692541
14	k4	k8	0.5514574
15	k4	k9	0.5184554
16	k4	k10	0.5175212
17	k5	k3	0.5344050
18	k5	k4	0.6617757
19	k5	k5	1.0000000
20	k5	k6	0.8281218
21	k5	k7	0.6661865
22	k5	k8	0.5863680
23	k5	k9	0.5590450
24	k5	k10	0.5502485
25	k6	k3	0.5198024
26	k6	k4	0.6237568
27	k6	k5	0.8281218
28	k6	k6	1.0000000
29	k6	k7	0.7245767
30	k6	k8	0.6488457
31	k6	k9	0.6329409
32	k6	k10	0.5673031
33	k7	k3	0.4901154
34	k7	k4	0.5692541
35	k7	k5	0.6661865
36	k7	k6	0.7245767
37	k7	k7	1.0000000
38	k7	k8	0.7418442
39	k7	k9	0.7119632
40	k7	k10	0.6034376
41	k8	k3	0.4846295
42	k8	k4	0.5514574
43	k8	k5	0.5863680
44	k8	k6	0.6488457
45	k8	k7	0.7418442
46	k8	k8	1.0000000
47	k8	k9	0.8681657
48	k8	k10	0.7272507
49	k9	k3	0.4424765
50	k9	k4	0.5184554
51	k9	k5	0.5590450
52	k9	k6	0.6329409
53	k9	k7	0.7119632
54	k9	k8	0.8681657
55	k9	k9	1.0000000
56	k9	k10	0.7259999
57	k10	k3	0.3929611
58	k10	k4	0.5175212
59	k10	k5	0.5502485
60	k10	k6	0.5673031
61	k10	k7	0.6034376
62	k10	k8	0.7272507
63	k10	k9	0.7259999
64	k10	k10	1.0000000